Ferroelectrics, Multiferroics, and Magnetoelectrics

[No author name available]

Abstract: The proceedings contain 35 papers. The topics discussed include: ferroelectric thin films grown on base-metal foils for embedded passives; dynamical nonlinearities in piezoelectric materials; characteristics of BST capacitors with aluminum electrode and iridium oxide barrier layers; comparative study of thin PZT sol-gel films deposited on Pt and GaN substrates; PMN-Pt single crystal piezo-electric acoustic sensor; energy harvesting from PZT nanofibers; synthesis and characterization of multiferroic composites based on manganate perovskite ceramics; effect of strain on the tunability of highly (100) oriented Mn-doped barium strontium stannate titanate thin films; effect of 3D transition metals addition on the ferroelectric properties in Bi ferrite thin film; and high quality deposition of strontium titanate (STO) thin films using sol-gel method.

Year: 2008
Source title: Materials Research Society Symposium Proceedings
Volume: 1034
Page count: 226
Link: Scorpus Link
Document Type: Conference Review
Source: Scopus

Authors with affiliations:

1. [No author name available]